

CLAIMS

1. A skin separation and decellularization method comprising a step of freeze thawing harvested skin and then separating the skin into epidermis and dermis by a treatment with hypertonic saline, and a step of washing the separated dermis.

2. An acellular dermal matrix that has been separated and decellularized by a step of freeze thawing harvested skin and then separating the skin into epidermis and dermis by a treatment with hypertonic saline, and a step of washing the separated dermis.

3. A method for producing an acellular dermal matrix, the method comprising a step of freeze thawing harvested skin and then separating the skin into epidermis and dermis by a treatment with hypertonic saline, and a step of washing the separated dermis.

4. The acellular dermal matrix according to Claim 2, wherein human skin is used as a starting material.

5. The acellular dermal matrix according to Claim 2, wherein porcine skin is used as a starting material.

6. A composite cultured skin comprising the acellular dermal matrix according to any one of Claims 2, 4, and 5 as a scaffold.

7. A composite cultured epithelium comprising the acellular dermal matrix according to any one of Claims 2, 4, and 5 as a scaffold.